

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037133.D
 Acq On : 18 Oct 2022 03:41
 Operator : CG/JU
 Sample : N4984-15DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNC1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
 Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 18 04:32:04 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4749	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	17248	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.547	164	9060	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	16403	0.400	ng/ul	0.00
17) Chrysene-d12	21.462	240	9514	0.400	ng/ul	0.00
23) Perylene-d12	23.847	264	7830	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	5607	0.837	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	1186	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	1808	0.064	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.771	128	3268	0.066	ng/ul	97
10) Acenaphthylene	14.270	152	1618	0.043	ng/ul#	88
11) Acenaphthene	14.612	153	1198	0.037	ng/ul	97
12) Fluorene	15.597	166	1258	0.034	ng/ul#	95
15) Phenanthrene	17.330	178	13209	0.252	ng/ul	99
16) Anthracene	17.423	178	7739	0.177	ng/ul	98
19) Fluoranthene	19.340	202	40567	1.072	ng/ul	97
20) Pyrene	19.703	202	32580m	0.826	ng/ul	
21) Benzo(a)anthracene	21.447	228	16597	0.483	ng/ul	98
22) Chrysene	21.500	228	14084	0.382	ng/ul	100
24) Benzo(b)fluoranthene	23.119	252	16579	0.474	ng/ul	94
25) Benzo(k)fluoranthene	23.166	252	6097m	0.179	ng/ul	
26) Benzo(a)pyrene	23.739	252	12810	0.451	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.319	276	7252	0.180	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.333	278	1848	0.057	ng/ul#	71
29) Benzo(g,h,i)perylene	27.081	276	5363	0.151	ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

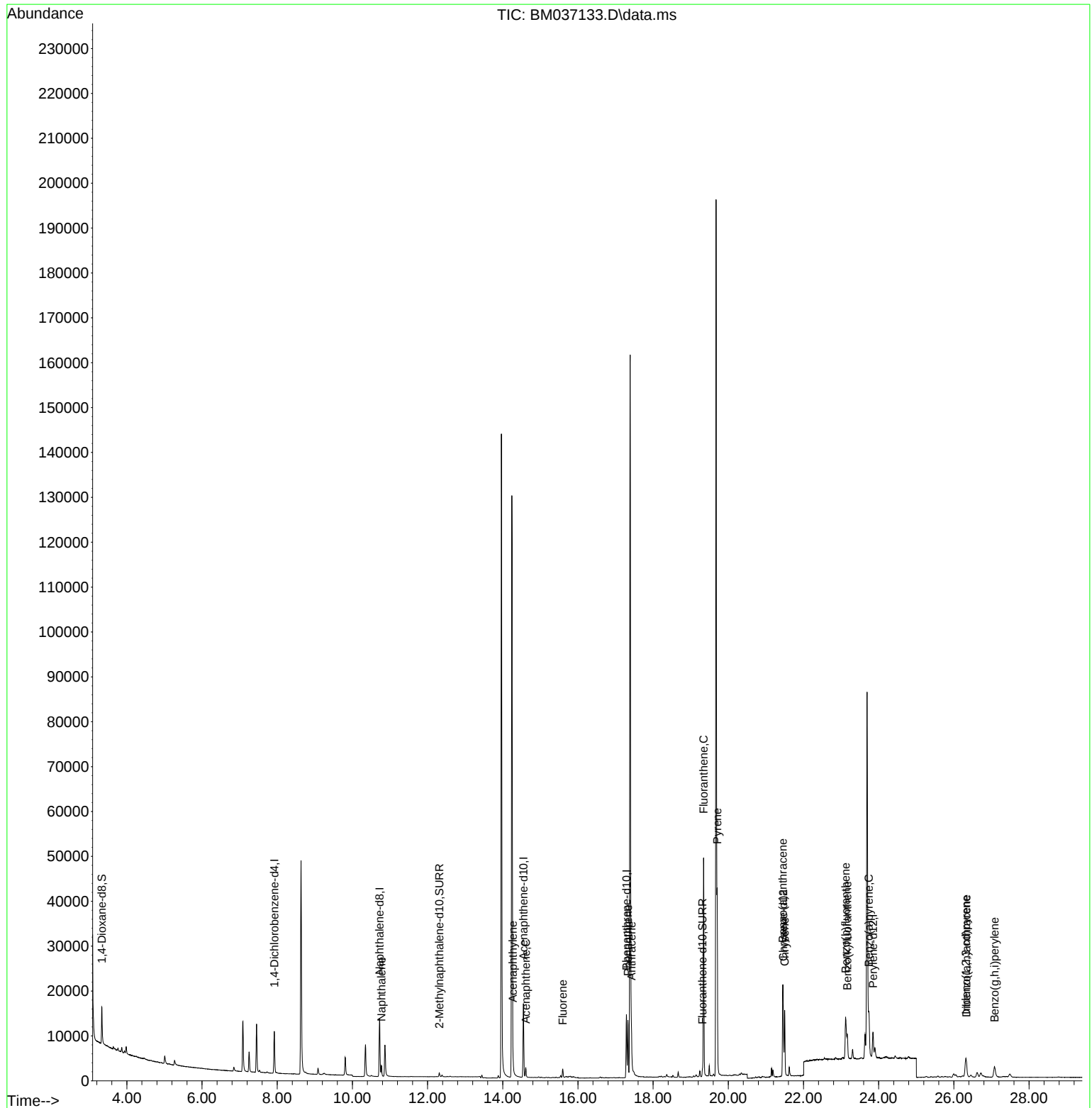
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037133.D
Acq On : 18 Oct 2022 03:41
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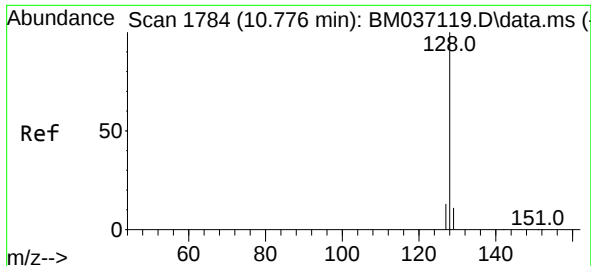
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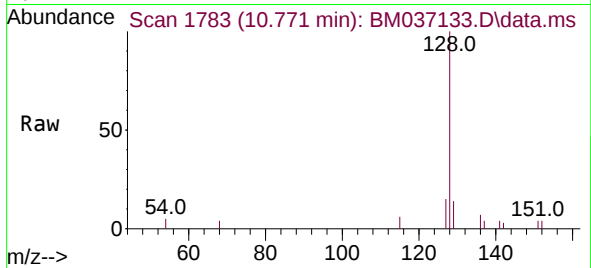
Quant Time: Oct 18 04:32:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.771 min Scan# 1783
Delta R.T. -0.011 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41

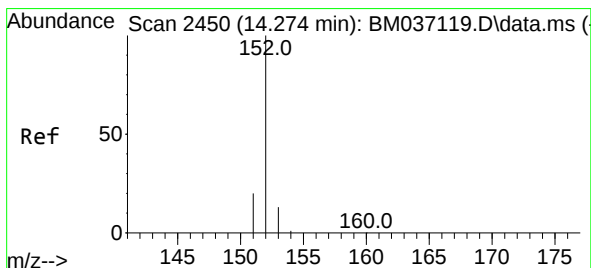
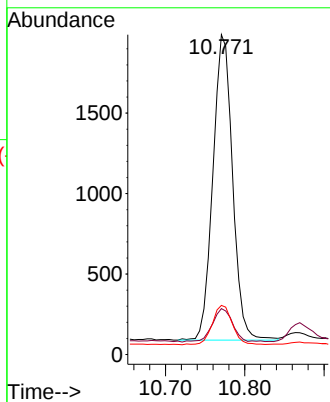
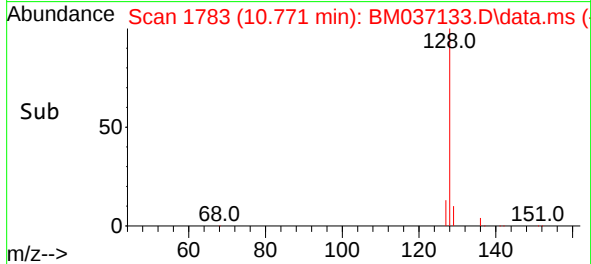
Instrument :
BNA_M
ClientSampleId :
BGNC1DL



Tgt Ion:128 Resp: 3268
Ion Ratio Lower Upper
128 100
129 14.4 10.2 15.2
127 15.3 11.7 17.5

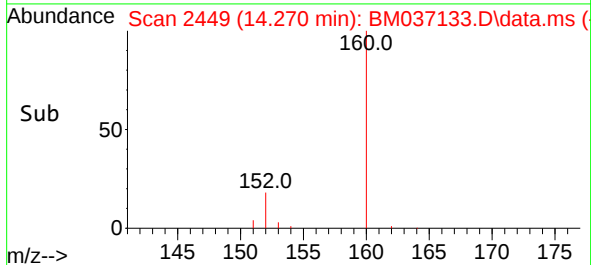
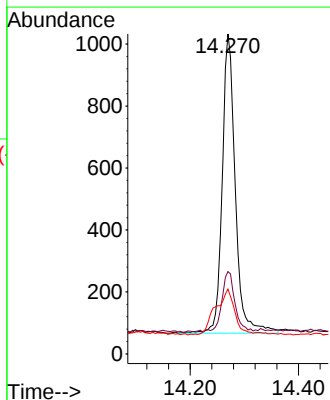
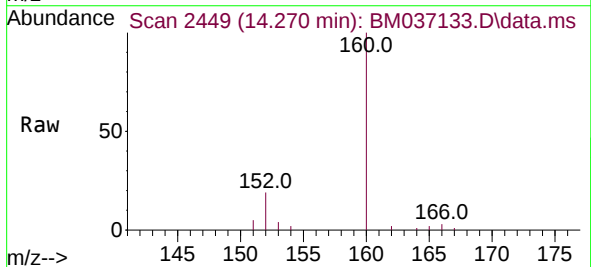
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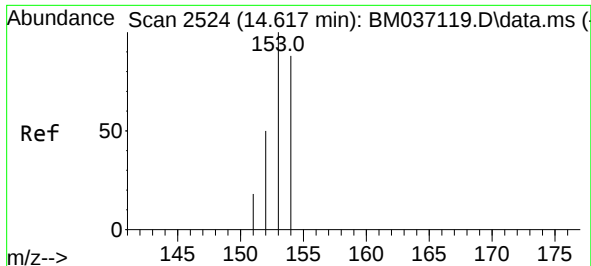
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.009 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41

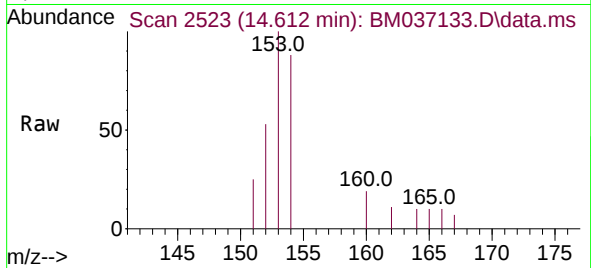
Tgt Ion:152 Resp: 1618
Ion Ratio Lower Upper
152 100
151 25.8 16.6 24.8#
153 20.2 11.4 17.0#





#11
Acenaphthene
Concen: 0.037 ng/u1
RT: 14.612 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41

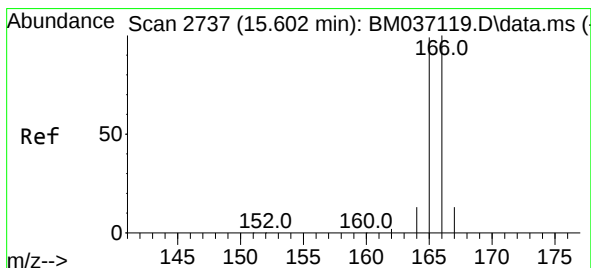
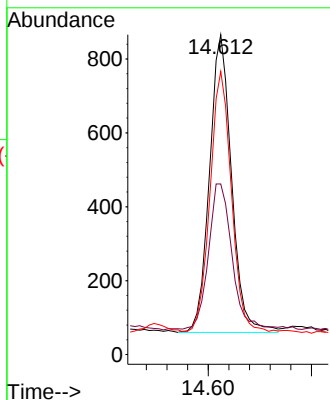
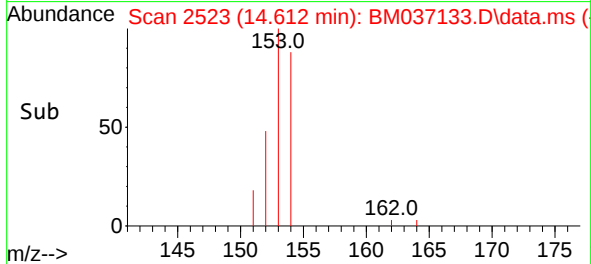
Instrument :
BNA_M
ClientSampleId :
BGNC1DL



Tgt Ion:153 Resp: 1198
Ion Ratio Lower Upper
153 100
152 53.3 40.2 60.4
154 88.5 69.7 104.5

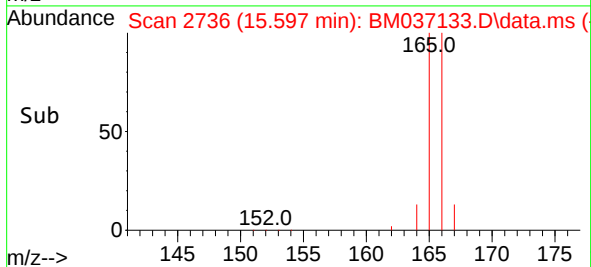
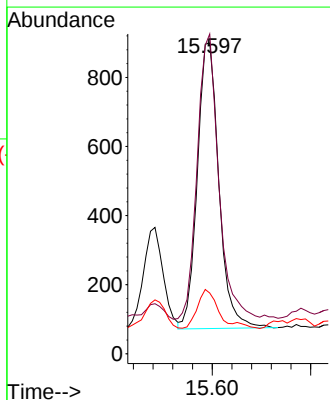
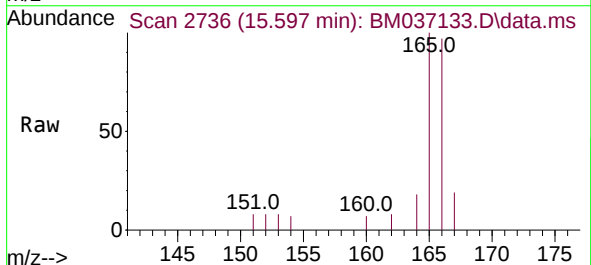
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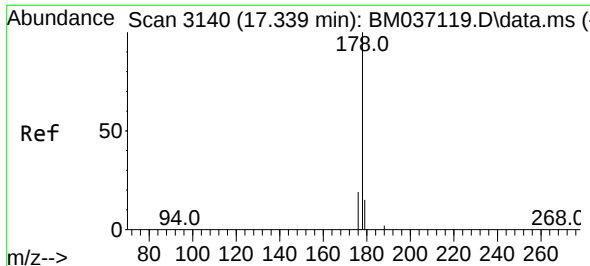
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#12
Fluorene
Concen: 0.034 ng/u1
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41

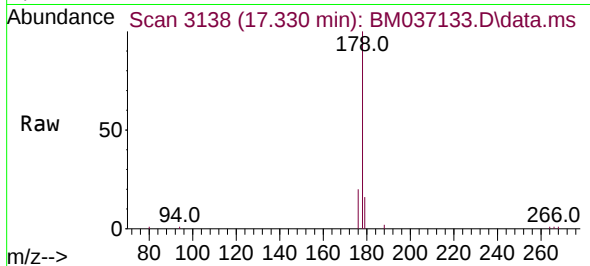
Tgt Ion:166 Resp: 1258
Ion Ratio Lower Upper
166 100
165 102.9 78.9 118.3
167 19.6 11.3 16.9#





#15
Phenanthrene
Concen: 0.252 ng/ul
RT: 17.330 min Scan# 3140
Delta R.T. -0.008 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41

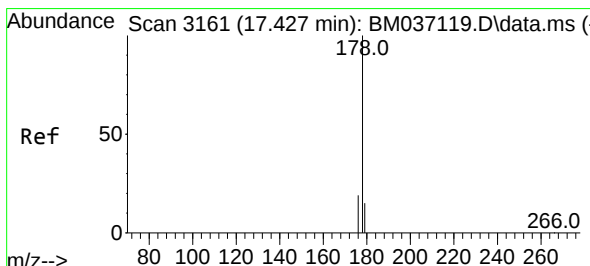
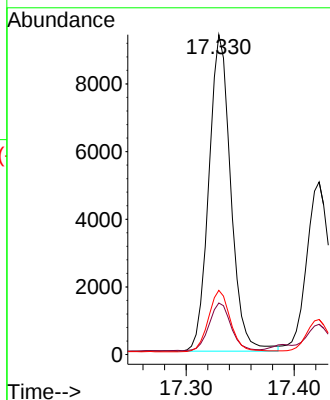
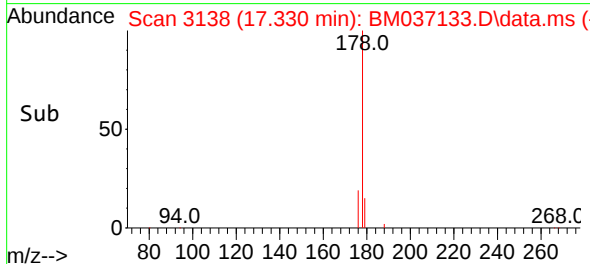
Instrument :
BNA_M
ClientSampleId :
BGNC1DL



Tgt Ion:178 Resp: 13209
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 20.1 15.6 23.4

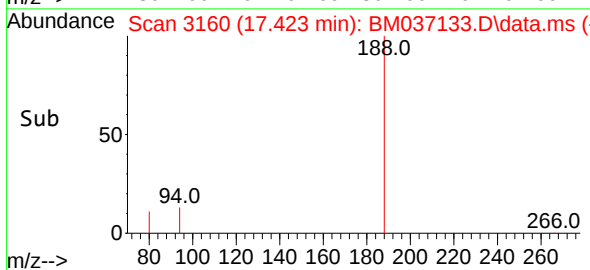
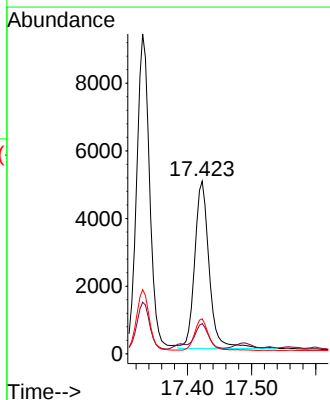
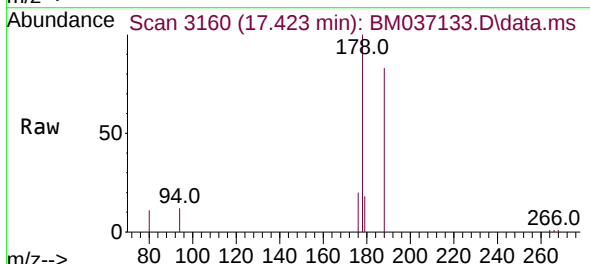
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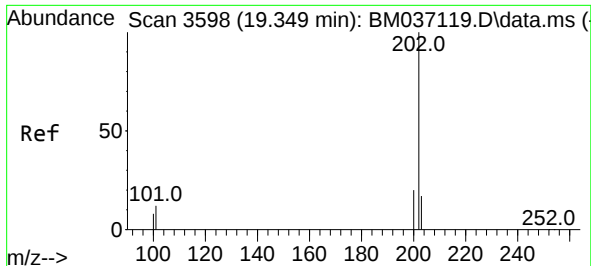
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#16
Anthracene
Concen: 0.177 ng/ul
RT: 17.423 min Scan# 3160
Delta R.T. -0.008 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41

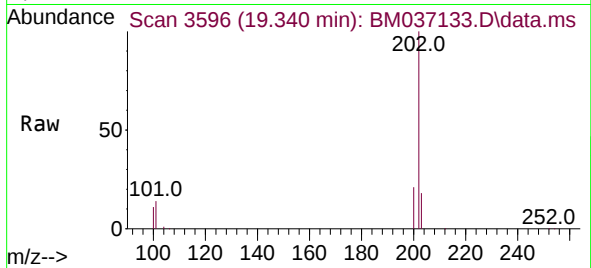
Tgt Ion:178 Resp: 7739
Ion Ratio Lower Upper
178 100
179 17.5 13.6 20.4
176 20.4 15.6 23.4





#19
Fluoranthene
Concen: 1.072 ng/ul
RT: 19.340 min Scan# 3596
Delta R.T. -0.009 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41

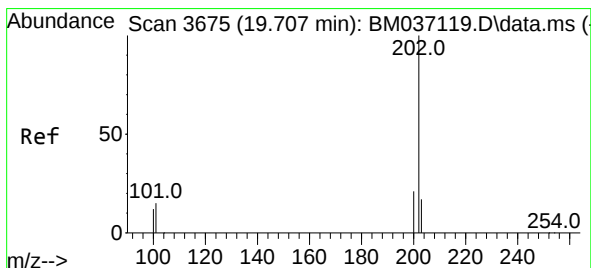
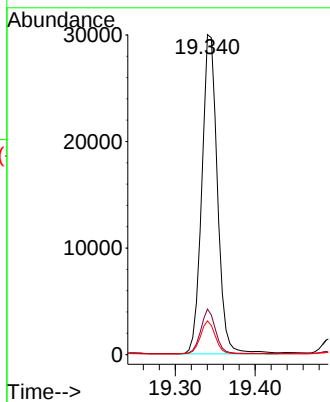
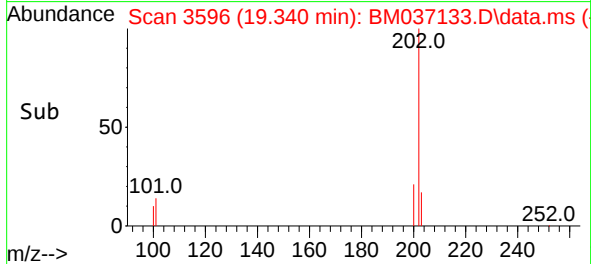
Instrument :
BNA_M
ClientSampleId :
BGNC1DL



Tgt Ion:202 Resp: 40562
Ion Ratio Lower Upper
202 100
101 14.2 10.1 15.1
100 10.5 7.9 11.9

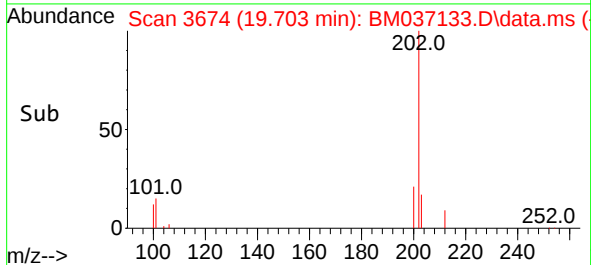
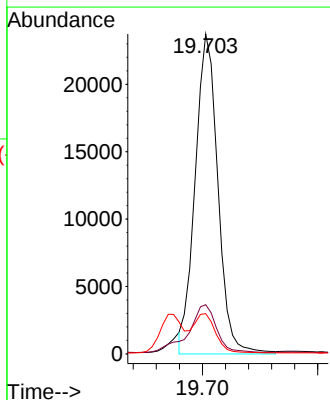
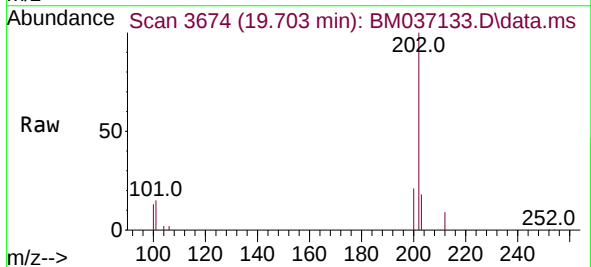
Manual Integrations
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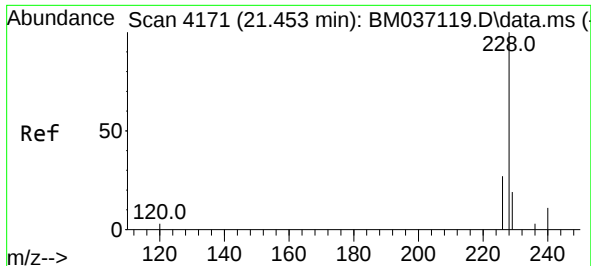
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#20
Pyrene
Concen: 0.826 ng/ul m
RT: 19.703 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41

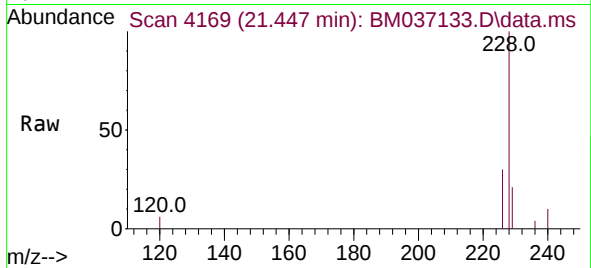
Tgt Ion:202 Resp: 32580
Ion Ratio Lower Upper
202 100
101 15.4 12.0 18.0
100 12.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.483 ng/ul
RT: 21.447 min Scan# 4171
Delta R.T. -0.003 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41

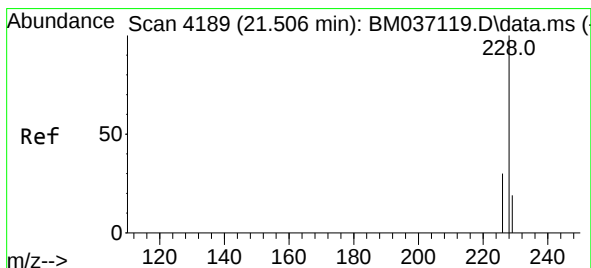
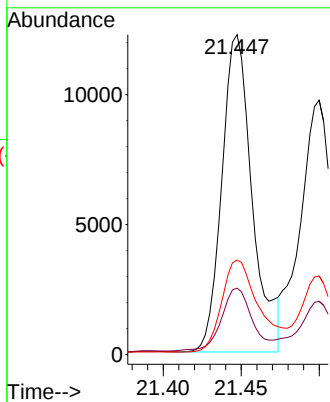
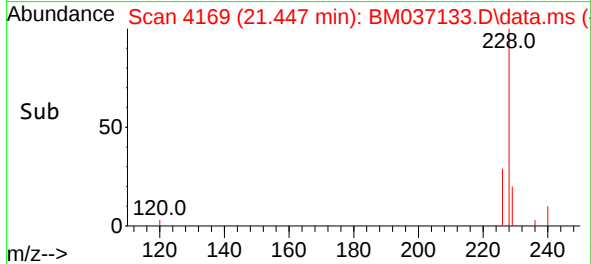
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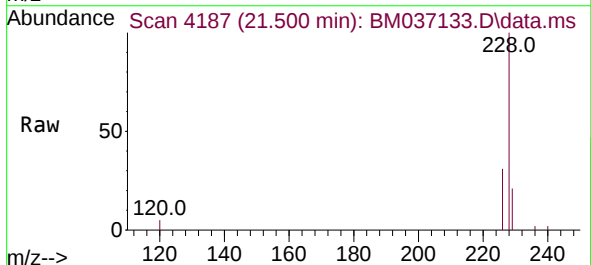
Tgt Ion:228 Resp: 16597
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 29.5 22.5 33.7

Manual Integrations
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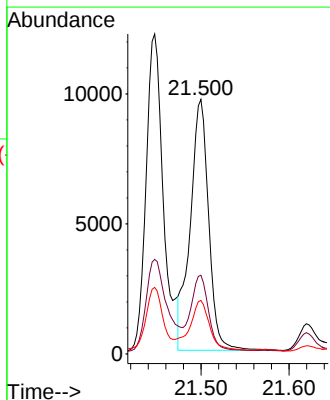
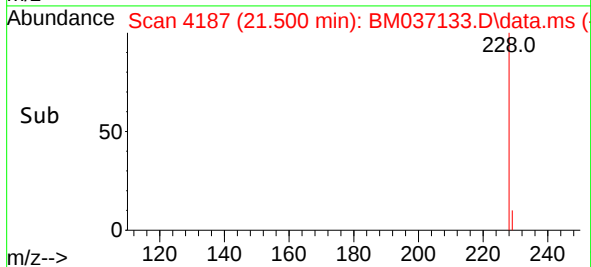
Reviewed By :Jagrut Upadhyay 10/18/2022
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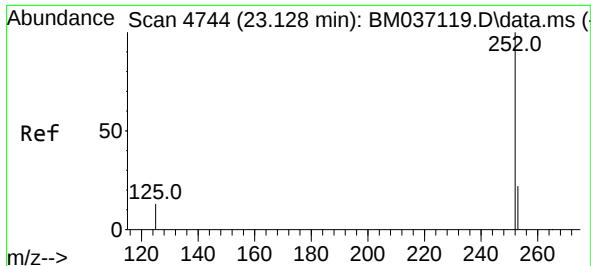


#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.500 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41



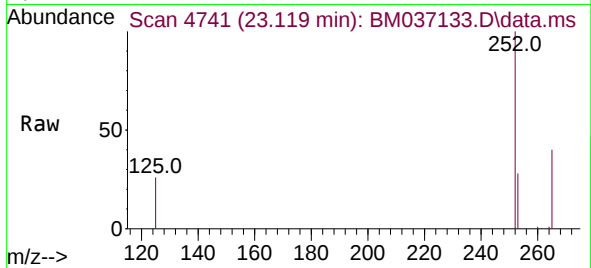
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Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.474 ng/ul
RT: 23.119 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41

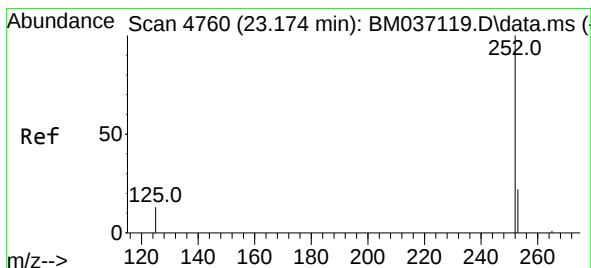
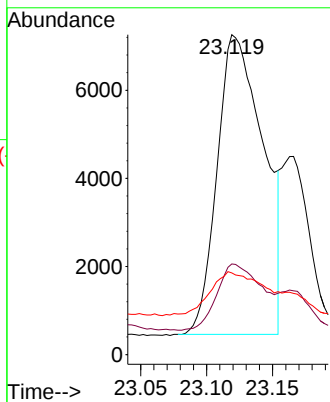
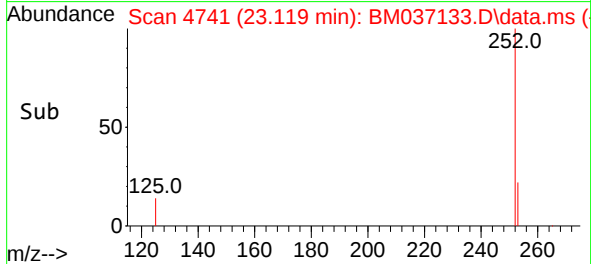
Instrument :
BNA_M
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BGNC1DL



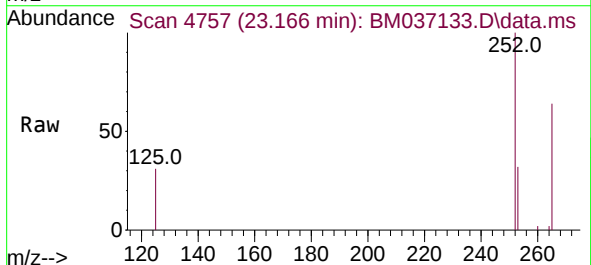
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Ion Ratio Lower Upper
252 100
253 28.3 0.0 61.4
125 25.5 0.0 42.6

Manual Integrations
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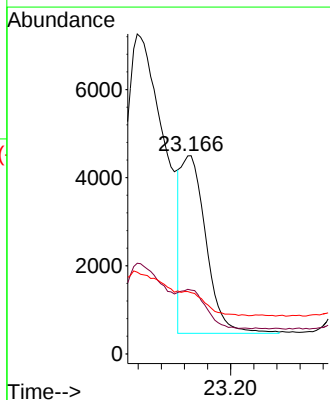
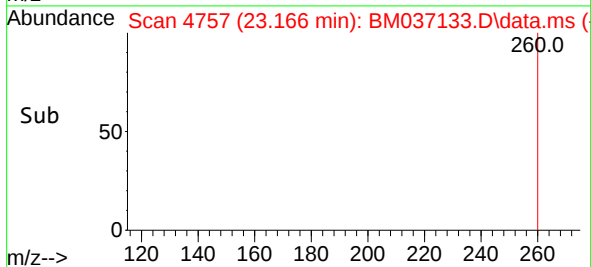
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

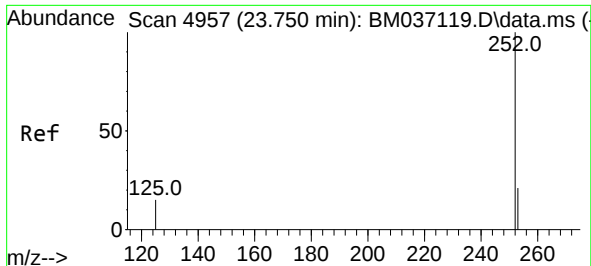


#25
Benzo(k)fluoranthene
Concen: 0.179 ng/ul m
RT: 23.166 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41



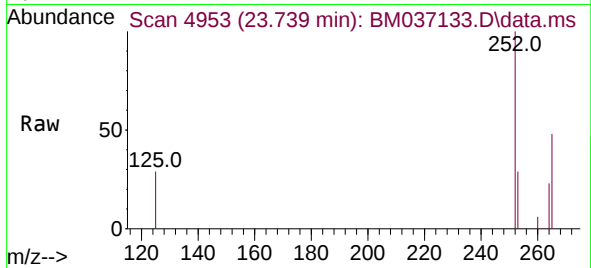
Tgt Ion:252 Resp: 6097
Ion Ratio Lower Upper
252 100
253 32.2 25.2 37.8
125 30.9 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.451 ng/ul
RT: 23.739 min Scan# 4953
Delta R.T. -0.006 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41

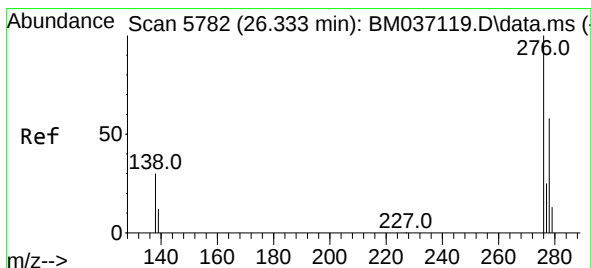
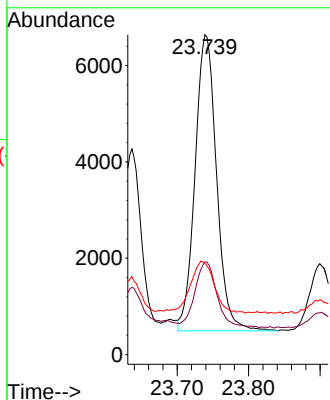
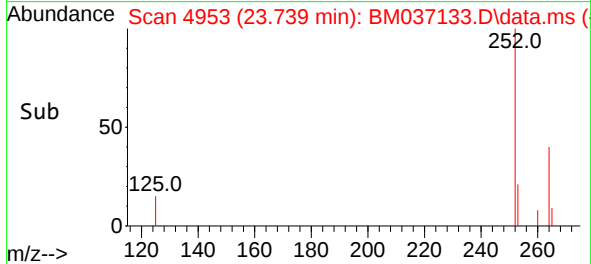
Instrument :
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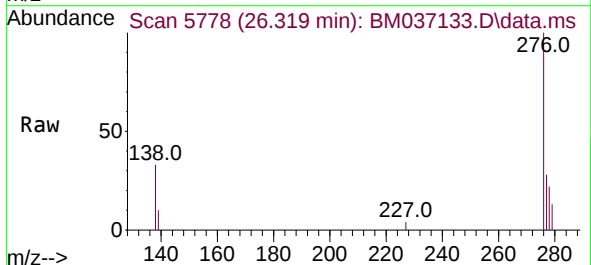
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125 28.5 23.6 35.4

Manual Integrations
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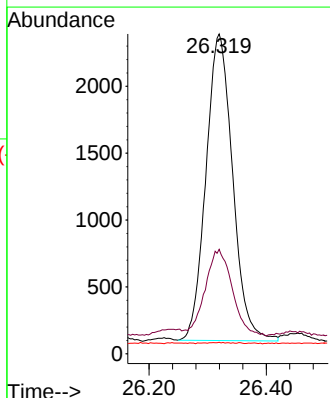
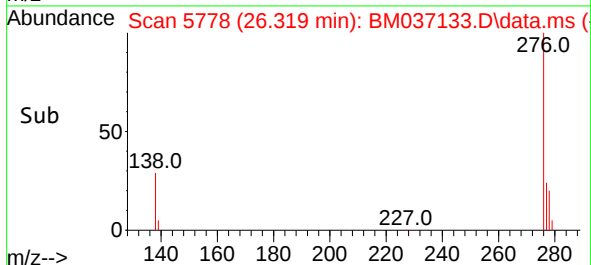
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

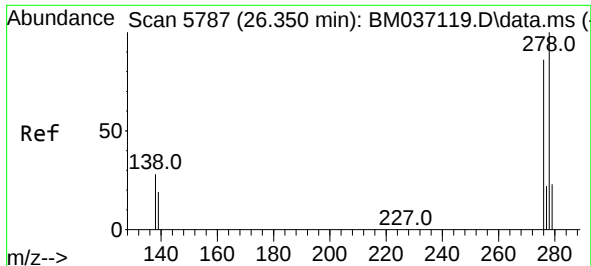


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.180 ng/ul
RT: 26.319 min Scan# 5778
Delta R.T. -0.007 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41



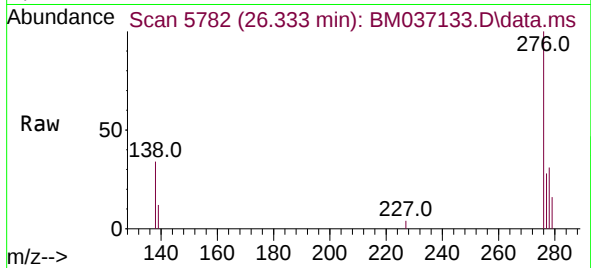
Tgt Ion:276 Resp: 7252
Ion Ratio Lower Upper
276 100
138 28.6 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul
RT: 26.333 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41

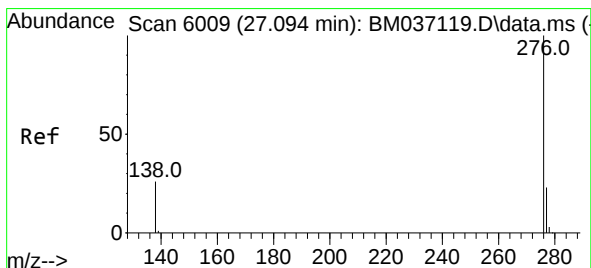
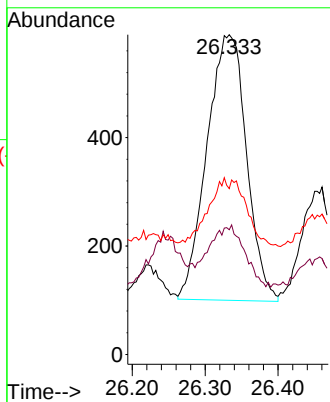
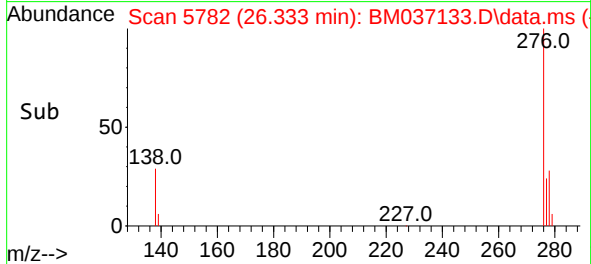
Instrument :
BNA_M
ClientSampleId :
BGNC1DL



Tgt Ion:278 Resp: 1848
Ion Ratio Lower Upper
278 100
139 39.0 19.8 29.6
279 51.9 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#29
Benzo(g,h,i)perylene
Concen: 0.151 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. -0.007 min
Lab File: BM037133.D
Acq: 18 Oct 2022 03:41

Tgt Ion:276 Resp: 5363
Ion Ratio Lower Upper
276 100
138 35.7 23.4 35.0
277 28.5 21.0 31.4

